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**ADDENDUM NO. 1**

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**December 14, 2020**

**Bid Opening Date:** December 17, 2020

**Project:** Aransas Pass SCADA Improvements Project

**Owner:** City of Aransas Pass

**Engineer:** LNV, LLC. (T.B.P.E. No. F-366)

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This document represents changes to be made to the Contract Documents and Technical Specifications and/or Plans for the above referenced Project. Receipt of this Addendum must be acknowledged on the Bid Proposal by contractors before submitting bids for this Project.

**Drawings:**

1. **Sheet E1.2**  
DELETE: All references to 900 MHZ Spread Spectrum Radios
2. **Sheet E2.0, E2.1, E2.2, E2.3, E2.4, E2.5, E2.6, E2.7, E2.8, E2.9, E2.10**  
ADD: Provide and install (1) CT to monitor "A" phase on each motor load. CT shall be capable of providing an Analog Input to the SCADA PLC.
3. **Sheet E2.6**  
ADD: WW#1 and WW#2 LAG LAG LAG Start Float, DI, 2#14 ½"C


**Clarifications:**

4. **Sheet E1.2, 2.01, B.**  
DELETE: "INSQL Historian with Reporting Capabilities"
5. **Sheet E1.2, 2.01, 7**  
ADD: Provide and install a 120 VAC, 500 VA, din rail mounted UPS manufactured by APC #SKU SUA500PDR-H or equal.
6. **Sheet E1.2, 5**  
ADD: The basis of design for the project is a licensed radio system, 450 MHZ, MDS Orbit or equal.
7. **Sheet E1.2, 4**  
ADD: The basis of design for the project is PLC's as manufactured by Square D Modicon M340 with X80 I/O, Allen-Bradley, and Siemens
8. **Sheet E1.2, 8**  
ADD: The basis of design for the project is VTSCADA HMI Software. The SSI shall install all software on all computer hardware provided by the City of Aransas Pass. The SSI shall provide all RTU and SCADA software development.
  - Single server system. 1000 tags capacity
  - Qty 1, VTScada Development Runtime license
  - Qty 1, VTScada Alarm Notification System (email, SMS, voice)
  - Qty 3, VTScada Thin Client (remote access user connection)
  - 1st year SupportPlus Technical Support and Upgrades
9. **Sheet E3.0, Detail 2**  
DELETE: "Louvers in two sides of boxes for cross ventilation


The changes described above constitute all of the changes made to date to the Documents and Technical Specifications and/or Plans and the changes shown herein shall become part of the Contract Documents of the Project.

**End of Addendum No. 1**



Approved by:   
Eric Villarreal, P.E.



Approved by:   
Steve Kanetzky, P.E.

Enclosures: